OPERATION GUIDE

COMMAND CENTER

KYOCERA

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General Information

When using this utility, the items that can be configured will differ depending on the model of your printing system or multifunctional printer (hereinafter referred to as "printing system").

Examples in this document are described in terms of the Internet Explorer 6.0 and Microsoft Windows XP operating system environment.

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1 Introduction

Using COMMAND CENTER

KYOCERA COMMAND CENTER (hereinafter referred to as COMMAND CENTER) refers to the web home page that is installed in the machine from which you can verify the operating status of the machine and make settings related to security, network printing, E-mail transmission and advanced networking.

System Requirements

Protocol

COMMAND CENTER operates in the following environment. Check the following before use.

- The TCP/IP protocol is installed in the PC.
- An IP address is assigned to the printing system.

Web browser

- Microsoft Internet Explorer 6.0 or later *1
- Mozilla Firefox 1.5 or later
- Safari 2.0 or later *2

*1: Microsoft Internet Explorer operates on Microsoft Windows 98SE/Me/2000/XP/Vista, and Microsoft Windows NT 4.0.

*2: Safari operates on Apple Macintosh OS X 10.4 or later.

2 Access

Accessing COMMAND CENTER

1. Run the web browser.
2. In Address or Location, enter the machine IP address as the URL, e.g. *http://192.168.10.150/*.

Select a category from the navigation bar on the left to view and set values for that category.

Admin password

Setting **Administrator Password** restricts general users' access to pages other than the **Start** page. For security purposes, setting the **Administrator password** is highly recommended. With some models, the default **Administrator password** is factory-set as **admin00**.

The **Login** button is displayed at the upper left of the screen. To access a page other than the **Start** page, click Login. (This button may not be displayed on some models. When this button is not displayed, click a page other than the **Start** page.) The password input window is displayed. Entering the predefined **administrator password** allows the user to access all pages.

For how to define the **administrator password**, refer to *Basic* > *Security* > *Account Settings* on page 12.

Authentication

Setting **Authentication** allows only the predefined users to access pages. In addition, you can discriminate users by giving either the **General User** or **Administrator** privilege to each user. Before using the authentication function, you have to define those users. For how to define users, refer to *Basic* > *Security* > *User Login* on page 13.
When a user sets authentication and accesses COMMAND CENTER, only the **Start** page is displayed. The **Login** button is displayed in the upper left of the screen. Click it to log in. When the user logs in with an **Administrator** account, hidden pages are displayed and can be accessed. When the user logs in with a **General User** account, the user can access the user's account page on *Basic* > *Security* > *User Login* and the user's settings on the basic page and the user's document box and shared document box pages.
The authentication function come in two types: **Local Authentication** and **Network Authentication**. For more information, refer to *Advanced* > *Management* > *Authentication* on page 46.

Encryption

You can encrypt communication between a PC and this machine using SSL encryption. When this encryption is enabled, the access URL must be specified as "https://..." For details on the setting procedure, refer to *Advanced* > *Security* > *Secure Protocols* on page 48.

3 COMMAND CENTER Pages

The COMMAND CENTER home page divides the following functions onto separate pages. You can jump to the desired pages by clicking the tab located at the top of each page. The following is an outline of each page accessed.

Page	Description
Start	This page allows you to verify this machine's operating status and current settings.
Basic	This page includes settings that apply to the entire machine, such as Device Defaults, Security, and Basic Networking.
Printer	This page includes settings that apply to the printing function of the machine, such as Default Print Resolution and Copy Count.
Scanner	This page includes settings that apply to the scanning function of the machine, such as Default Scan Resolution and Original Placement.
FAX / i-FAX	This page includes settings that apply to the FAX function of the machine, such as FAX transmit and receive settings.
Jobs	This page includes information on all device jobs including job status, scheduled job and job log.
Document Box	This page allows you to add and delete a document box, and delete documents within a document box.
Advanced	This page includes advanced settings that apply to the entire machine and is comprised primarily of advanced network settings.

Start Page

The following operations are possible from the **Start** page.

- Verifying the machine's operating status
- Logging in or out during setting of the administrator password
- Changing the language that COMMAND CENTER is displayed in
- Verifying various settings (machine, printing, FAX, scanning, network and E-mail)
- Verifying the number of scanned pages and the number of prints made on the machine
- Access linked home pages

All users will have access to the **Start** page.

Start > Start

This page allows you to verify the machine's operating status. This will be the first screen that appears after COMMAND CENTER has been started up.

Item	Description
Select Language	Appears if COMMAND CENTER pages support multiple languages. To change COMMAND CENTER language: 1. Open the **Select Language** drop down list by clicking it. 2. Select the appropriate language. If you attempt to view COMMAND CENTER with a character set other than the language that is used on the operation panel's display, some characters may be illegible.
Operation Panel	This indicates the machine's operating status as displayed on the operation panel. To update the display to the most recent status, click the **Refresh** button.
Toner Level	This shows the approximate level of remaining toner. The closer the value to 0%, the smaller the amount of remaining toner. If you use non-original toner kit, the toner gauge measurement will not be indicated correctly.
Network IP Information	Network IP information on the printing system is displayed. This allows you to verify the following information: - IP Address - IPv6 Address (Manual) - IPv6 Address (LinkLocal) - IPv6 Addresses 1 to 5 (Stateless) - IPv6 Address (Stateful) - Host Name
System Identification	System information on the printing system is displayed. This allows you to verify the following information: - MAC Address - System Firmware - Engine Firmware - Panel Firmware - FAX Firmware - Serial Number - Asset Number.
Media Input	This shows paper size and media type for cassettes and MP tray.

Start > Status Pages

These pages allow you to verify the various settings (machine, printing, scanning, network and E-mail) that were made on the operation panel or using COMMAND CENTER.

It is divided by the following items.

- Network
- Device/Printer
- Scanner
- Device/Printer
- FAX / i-FAX
- Jobs
- Counters

Item	Description
Network > General	This allows you to verify the current settings for LDAP, TCP/IP, IPP, IPP over SSL, AppleTalk, NetBEUI, IPv4, and IPv6. For more information, refer to *Advanced Page* on page 34.
Network > IP Filters	This displays the list of IP addresses and subnet masks (IPv4) or prefix length (IPv6) that have access permission as set under **IP Filters (IPv4)** and **IP Filters (IPv6)** on the **Advanced** page. If no IP addresses have been designated, then access permission will be granted to all addresses. For more information, refer to *Advanced* > *Protocols* > *TCP/IP* > *IP Filters* on page 36.
Network > SNMP	This allows you to verify the settings made under SNMPv1/v2 and SNMPv3 on the **Advanced** page. For more information on SNMPv1/v2, refer to *Advanced* > *Management* > *SNMP* > *SNMPv1/v2c* on page 43. For more information on SNMPv3, refer to *Advanced* > *Management* > *SNMP* > *SNMPv3* on page 44
Network > POP3/SMTP	This allows you to verify the E-mail-related settings made on **POP3** and **SMTP** pages of the **Advanced** page. For more information on POP3, refer to *Advanced* > *E-mail* > *POP3* > *General* on page 42. For more information on SMTP, refer to *Advanced* > *E-mail* > *SMTP* > *General* on page 40.
Network > Logical Printers	This allows you to verify the settings made on the **Logical Printers** page of the **Advanced** page. For more information, refer to *Advanced* > *Protocols* > *TCP/IP* > *Logical Printers* on page 37.
Network > Netware	This allows you to verify the settings made on the **Netware** page of the **Advanced** page. For more information, refer to *Advanced* > *Protocols* > *Netware* on page 38.
Security	This allows you to verify the current settings for secure protocols, IEEE802.1x, and IPSec. To change the settings: For secure protocols, refer to *Advanced* > *Security* > *Secure Protocols* on page 48; For IEEE802.1x, refer to *Advanced* > *Security* > *IEEE802.1x* on page 49; For IPSec, refer to *Advanced* > *Security* > *IPSec* > *Rule1 (to Rule3)* on page 50.
Device/Printer	This allows you to verify the settings made on the **Basic** and the **Printer** pages. For more information, refer to *Basic Page* on page 7 and *Printer Page* on page 16.
Device/Printer > APL. Filter	This allows you to verify the settings made on the **Basic** and the **Printer** pages. For more information, refer to *Printer Page* on page 16.
Device/Printer > APL. Filter Parameters	This allows you to verify the settings made on the **Basic** and the **Printer** pages. For more information, refer to *Printer Page* on page 16.
Scanner	This allows you to verify the settings made on the **Scanner** page. For more information, refer to *Scanner Page* on page 18.

Item	Description
FAX / i-FAX > General	This allows you to verify the settings made on the **FAX / i-FAX** page. For more information, refer to *FAX / i-FAX Page* on page 20.
FAX / i-FAX > FAX	
FAX / i-FAX > i-FAX	
Jobs > Printing Jobs Log	This allows you to confirm the log of the jobs in each operation. For more information, refer to *Jobs Page* on page 31.
Jobs > Sending Jobs Log	
Jobs > Storing Jobs Log	
Counters > Printed Pages	This allows you to verify the accumulated number of printed pages for each paper size and color (**Monochrome**, **Mono Color**, and **Full Color**). A page printed on both sides, an A3-sized sheet of paper, or a page larger than Ledger size is counted as two pages.
Counters > Scanned Pages	Provide information of the number of pages copied, faxed, and scanned, respectively.

Start > Information

This page provides information about the Address Book, User Login, the model number of the machine and version of firmware.

Item	Description
Address Book	This page provides information about the maximum and current numbers of addresses possible to add to the private and group Address Books. For more information, refer to *Basic > Defaults > Address Book > Groups* on page 11 and *Basic > Defaults > Address Book > Groups* on page 11.
User Login	This shows the number of registered users. For more information, refer to *Basic > Security > User Login* on page 13.
About	The model number of this printing system and Version of Firmware can be confirmed.

Start > Links

Links to the Kyocera Mita Corporation web site. Visit the following web site for more information and downloads.

Item	Description
Download Drivers	http://www.kyoceramita.com/download/

Item	Description
Kyocera Online	http://www.kyoceramita.com/

Basic Page

This section includes settings that apply to the machine, such as Device Defaults, Security, and basic Networking. If the Admin password has been set, pages in this section are available only to the Administrator.

Basic > Defaults > Network

This page allows you to make the settings that are required for network printing and sending E-mail. For more information, refer to *Advanced > Protocols > TCP/IP > General* on page 35.

You must restart this machine after you have completed these settings in order to properly register the content of those settings in the machine. Refer to *Basic > Defaults > Reset* on page 9.

Item	Description
Host Name	Specifies a name for the printing system network component. This name is used as the NetBEUI printer name and as the WSD device name.
LAN Interface	Specifies the communication rate from **Auto**, **10BASE-T-Half**, **10BASE-T-Full**, **100BASE-TX-Half**, and **100BASE-TX-Full**. After you have changed this setting, you must restart this machine. For the restarting procedure, refer to *Basic > Defaults > Reset* on page 9.
IPv4 Settings **DHCP/ BOOTP**	Specifies whether or not to obtain an IP address using DHCP or BOOTP.
IP Address (IPv4)	Assigns the Internet Protocol address on the printing system network component. Format of the IP address is four-byte (32-bit) numbers separated by dots, e.g. *192.168.110.171*.
Subnet Mask	Specifies the subnet mask of the hosts or network with which the print system is connecting. If you have manually assigned an IP address that starts with a number between 192 and 223, it is recommended that you set the subnet mask to "255.255.255.0."
Default Gateway	Specifies the IP address of the default gateway.
IPv6 Settings **IPv6**	Specifies whether or not to enable the IPv6 protocol. Select **On** to use the IPv6 protocol.
IP Address (IPv6)	Assigns an IPv6 address to the printing system network component. The format of the IPv6 address is a sequence of numbers (128 bit in total) separated by colons, e.g. 2001:db8:3c4d:15::1a2c:1a1f.

Item		Description
	Prefix Length	Specifies the IPv6 prefix length of the hosts or network with which the print system is connecting.
	RA (Stateless)	Select **On** to use RA to configure IPv6 addresses.
	Default Gateway	Specifies the IPv6 address of the default gateway.
	DHCPv6	Specifies whether or not to obtain IPv6 IP addresses by automatic configuration. When RA is turned **On**, the IP addresses and server information are obtained via DHCPv6 based on the settings of the automatic configuration made under RA (router setting).

Basic > Defaults > Time

If a time server is used to synchronize the time as well, the current time can be adjusted regularly and easily. Enter the IP address of the time server and click the **Synchronize** button.

Time information is required when you receive reports from this machine via E-mail. It is recommended that you set the time when the report mail function is enabled.

Item	Description
Current Local Time	Displays the time that is currently set in the machine.
Current Universal Time (UTC/GMT)	Displays the Greenwich Mean Time that is currently set in the machine.
Time Zone	Sets a time difference. Click the drop down list and select your region.
Summer Time	Switches the Summer Time setting **On** and **Off**. Select **On** in order to have the Summer Time function applied when the time is synchronized with a time server.
Time Server	Enter the host name or IP address of the time server from which you want to acquire the time.
Synchronize with Time Server now	Click the **Synchronize** button to synchronize the registered time with the designated timer server.
Synchronization Status	Displays the results of the synchronization operation with the time server.

Basic > Defaults > Reset

This page allows you to restart the machine in order to make all settings in the machine valid. It is also possible to select to have all settings returned to their factory default values.

Item	Description
Restart entire device	Clicking **Restart** restarts this machine restarts.
Restart Network	Clicking **Restart** allows restarting the network interface without restarting the machine. The network interface must be restarted whenever a change has been made to the network settings.
Reset entire device to factory default	When clicking the **Reset** button, the machine returns to the factory default settings. However, the document box, address book, user information, logs, and certificates are not deleted.

Basic > Defaults > Device Defaults

This page allows you to change the language that is used in the display, as well as to turn the Auto Sleep Mode **On** or **Off**.

Item	Description
Operation Panel Language	You can select the language of the messages on the display by following the procedure given below. The following languages are available for selection in the drop down list: English, Français, Deutsch, Italiano, Nederlands, Español, Português, Russian, and the downloaded languages You can optionally download messages in other languages. Contact your dealer for information. Some models may require restarting after configuration.
Sleep Timer	Specifies the time from 1 to 240 minutes after which the system enters the auto sleep mode. You can turn the sleep timer **On** or **Off** as follows. The default setting is **On**. 1. Click **Advanced** on the right hand side of the drop down list. 2. Turn the sleep mode **On** or **Off**. 3. Click **Submit**.
Low Power Timer	Specifies the time from 1 to 240 minutes after which the system enters the low power mode, where it reduces the power consumption.
Override A4/ Letter	Specifies whether or not the A4 and Letter size paper should be interchangeable.When turned **On**, for example, if the A4 paper is not in the tray, the Letter size paper will be selected for printing.When turned **Off**, the Letter size paper will not be used in place of the A4 paper, when A4 is selected for printing but the A4 tray is empty.
Auto Error Clear	Specifies whether or not to clear errors automatically when they occur.

Item	Description
Error Clear Timer	Specifies the time between 5 and 495 seconds after which errors are cleared automatically.
RAM Disk Mode	Specifies whether to use a part of the print system memory as a RAM disk. You can specify the size of the print system memory to use for the RAM disk. If this item is **On**, electronic sorting is enabled and the printing speed increases. After you have changed the setting, you must restart the printing system.
RAM Disk Size	Specifies the size of the RAM disk. For allowable sizes, refer to the print system operation guide. After you have changed the setting, you must restart the printing system.
Interrupt Clear Time	This determines the time of period before the machine reverts to normal mode, after the interrupt copy mode has been engaged. The range is 5 to 459 seconds (in 5-second increments).
WSD Scan Timer	This determines the time of period before the machine reverts to normal mode, after **WSD scan mode** has been engaged. The range is 10 to 495 seconds (in 5-second increments).
File Name	You can change the file name for the scan data or the job name for the jobs on the Job page.
Additional Information	You can add a **Job Number** or the **Data and Time** to the File Name designated above. The additional information varies depending on model.
Unusable Time Setting	This restricts use of the machine by time of day. When turned **On**, the machine becomes unoperative during the time of day specified by **Unusable Time**. Except, the received FAXes are stored in the machine and printed after the unusable time period has been expired.
Unusable Time	This determines the time of period during which the machine is restricted for use. This is enabled when **Unusable Time Setting** is **On**.

Basic > Defaults > Address Book > Contacts

This page allows you to add, edit or delete Contacts.

Adding a New Contact

1. Open the **Address Book Contacts** page.
2. Click **Add Contact**. The **Address Book Contacts - Add** page opens.
3. Enter the information for the address to be registered. You can specify a FAX number and i-FAX address even if the FAX System is not installed.
4. Click **Submit**.

Editing a Contact

1. Open the **Address Book Contacts** page.

2. Click the number or name of the address to edit.
   The **Address Book Contacts - Edit** page appears.
3. Modify the information of the address.
4. Click **Submit**.

Deleting a Contact

1. Open the **Address Book Contacts** page.
2. Check the desired contact. When the check box on the left side of **Number** is selected, all contacts displayed on the page will be checked.
3. Click **Delete Contact**.
   The **Address Book Contacts - Delete** page appears. You can confirm the addresses to be deleted
4. Click **Delete** when the desired addresses are selected.

Basic > Defaults > Address Book > Groups

This page allows you to add, edit or delete Groups.

Adding a New Group

1. Open the **Address Book Groups** page.
2. Click **Add Group**.
   The **Address Book Groups - Add** page opens.
3. Enter the number and name of the group.
4. Click **Submit**.
   The **Address Book Groups - Add Members** page opens.
5. Select the members to be added to the created group.
   Check the members you want to add. The members must be registered before added.
6. After you have selected the members, click **Submit**.
   The **Address Book Groups - Edit** page opens. You can continue editing groups, such as changing group names and adding or deleting members.

Editing a Group

1. Open the **Address Book Groups** page.
2. Click the number or name of the group to edit.
   The **Address Book Groups - Edit** page opens.
3. You can change the number or name of the group and add or delete members.
   To add members, click **Add Members** and select the addresses to add. The members must be registered before added.
4. After you have finished editing, click **Submit**.

Deleting a Group

1. Open the **Address Book Groups** page.

2. Check the desired group. When the check box on the left side of **Number** is selected, all groups displayed on the page will be checked.
3. Click **Delete Group**.
   The **Address Book Groups - Delete** page appears. You can confirm the group to be deleted.
4. Click **Delete** when the desired group is selected.

Basic > Security > Account Settings

The Administrator (Admin) account is the master access account. It controls access to the printer and networking configuration from all setup and management utilities including the HTML web pages.The Admin password set in the following is valid when **Authentication** is set to **Off**. For details on **Authentication**, see *Advanced > Management > Authentication* on page 46.

Setting the Admin password is highly recommended to prevent unauthorized changes to the machine and networking configuration. With some models, the default **Administrator password** is factory-set as **admin00**. It is recommended to periodically change password.

To change the password:

1. Enter the **Old Password**.
2. Enter the password you want to set in **New Password**. This can be up to 32 (30 with some models) character long.
3. Enter the same password in **Confirm New Password**.
4. Click the **Submit** button.

Basic > Security > Device Security > General

This page allows you to restrict access from the operation panel or USB host device. In addition, an explanation about each security setting is displayed.

Item	Description
Lock Operation Panel	Restricts access from the operation panel. When it is set to **Block**, use of the **System menu** on this machine, registration in and editing of the Address Book and Box, use of the Stop key, and cancellation of jobs are forbidden. When it is set to **Partial Lock**, use of the **System menu** on this machine and registration in and editing of the Address Book and Box are forbidden. When it is set to **Unlock**, use of all keys is permitted.
Filtering/ Firewall, SNMPv1/v2, SNMPv3, SSL, IPSec, IEEE802.1x	An explanation about each security setting is displayed. When you click a link in the sentence, the appropriate tab of the **Advanced** page opens.

Basic > Security > Device Security > Interface Block

This page allows you to restrict access from each interface.

Item	Description
Network	Specifies whether or not to restrict access from each of the interfaces on the left. Access from the interfaces that are set to **Block** is restricted. Access from the network interface cannot be restricted. Access can be restricted on a per-protocol basis. Refer to the next section.
USB Device	
USB Host	
Parallel I/F	
Optional I/F	

Basic > Security > Device Security > Network Security

This allows you to enable communication with the printing system on a per-protocol basis.

Item	Description
SNMP v3, NetWare, AppleTalk, NetBEUI, Raw, IPP, IPP over SSL, HTTP, HTTPS, FTP (Transmission), FTP (Reception), SMB, SNMP, SMTP, POP3, LPD, LDAP, WSD Print, WSD Scan	Specifies whether or not to restrict communication via each of the protocols on the left. The communication via the protocols that are set to **Lock** is restricted. The settings made on this page affect the protocol settings on the **Advanced** page.

Basic > Security > User Login

When the authentication function is set on the **Advanced > Management > Authentication** page (**Local Authentication**, depending on model), you must register users and set **access levels** on this page.The available **access levels** are **User** and **Administrator**.

One administrator account is registered by default.

Adding a New User Login

1. Open the **User Login** page.
2. Click **Add** and enter the information of the user.
3. Click **Submit**.

Editing a User Login

1. Open the **User Login** page.
2. Click the desired Login User Name or Name to edit the user and modify their information.
3. Click **Submit**.

Deleting a User Login

1. Open the **User Login** page.
2. Check the desired user. When the check box on the left side of **Login User Name** is selected, all users displayed on the page will be checked.
3. Click **Delete**.
   The **User Login - Delete** page appears. You can confirm the users to be deleted.
4. Click **Delete** when the desired users are selected.

Basic > Security > Certificates

This page allows you to create or update certificates or check details on certificates. After you have changed this setting, you must restart this machine. For the restarting procedure, refer to *Basic* > *Defaults* > *Reset* on page 9

Device Certificate - Self Issued

The self-issued certificate is automatically issued by default. The automatically issued certificate has the country code, common name (in a form of "KMxxxxxx" as for model names), and a validity period of about 10 years already configured.

Item	Description
Self Certificate	Displays whether the certificate is valid.
Expiration	Displays the validity period of the certificate.
View Certificate	Click **View** to view details on the certificate.
Create Certificate	Click **Create** to create a certificate.
Edit Certificate	Click **Edit** to update the validity period of the certificate.
Export Certificate	Click **Export** to display the download dialog for the file. Click **Save** to download the exported certificate. If the printing system supports self-issued certificates only, it cannot carry out encrypted communication via IPP over SSL with Windows Vista because the IPP over SSL function of Windows Vista does not deem self-issued certificates as trusted. To enable printing via IPP over SSL, export the self-issued certificate from the printing system and import it into Windows Vista as a trusted certificate. In this case, the access name must match the common name of the certificate.

Device Certificate - CA Issued

Item	Description
CA Certificate	Displays whether the certificate issued by the Certification Authority (CA) is valid or not.
Expiration	Displays the validity period of the certificate.
View Certificate	Click View to view the details of the certificate.
Import Certificate	Click **Import** to open the **File Import** window. Click **Browse** to open the **file selection** dialog box. Select a file and click **Open**. When the certificate is password-protected, enter the password and click **Submit**. The certificate is imported.
Delete Certificate	Click **Delete**. The certificate is displayed. Click Delete again to delete the certificate. When the CA issued certificate is deleted, the settings are made invalid if **Authentication Type** is set to **Certificates** for IPSec. The self Issued certificate is made valid for SSL.

Root Certificate

Item	Description
Root Certificate	Displays whether the certificate is valid.
Expiration	Displays the validity period of the certificate.
View Certificate	Click **View** to view details on the certificate.
Import Certificate	Click **Import** to open the **File Import** window. Click **Browse** to open the **file selection** dialog box. Select a file and click **Open**. Click **Submit** to import the certificate.
Delete Certificate	Click **Delete**. The certificate is displayed. Click **Delete** again to delete the certificate. When all root certificates are deleted, the settings are made invalid if **Authentication Type** is set to **Certificates** for IPSec. In addition, IEEE802.1x is turned Off.

Application Certificate

Item	Description
IEEE802.1x Client Certificate	Displays whether the certificate is valid.
Expiration	Displays the validity period of the certificate.
View Certificate	Click **View** to view details on the certificate.

Item	Description
Import Certificate	Click **Import** to open the **File Import** window. Click **Browse** to open the **file selection** dialog box. Select a file and click **Open**. Enter the password and click **Submit**. The certificate is imported.
Delete Certificate	Click **Delete**. The certificate is displayed. Click **Delete** again to delete the certificate. When the certificate is deleted, IEEE802.1x is turned Off.

Printer Page

This section includes settings that apply to the printing function of the machine, such as default print resolution or copy count. If the Admin password has been set, pages in this section are available only to the Administrator.

Default printer settings will be overridden by the printer driver settings. Settings that affect the machine entirely, such as locking the operation panel, are found under *Basic Page* on page 7.

Printer > Summary of Network Printer Access Methods

The following information that has already been set is displayed here.

- IP Address
- Host Name
- Net BEUI Name
- Apple Talk Name

Printer > System

The table below provides a summary of the items displayed on the **System** page.

Item	Description
Form Feed Timeout	Adjusts the timeout between 5 and 495 seconds, after which a form feed will occur in the absence of data. The default setting is 30 seconds.
Emulation	Selects an emulation mode.
Alternate Emulation	Specifies which emulation mode should be used for processing at the time data other than KPDL is received, when **AUTO** is selected for emulation.
JPEG Print from USB	This determines the physical size of JPEG images when printing them from a USB flash device. Choices include **Fit to Paper Size**, **Image Resolution**, and **Fit to Print Resolution**.
Duplex Mode *1	Selects the default duplex mode from **Off**, **Long Edge** and **Short Edge**.
Copies	Sets the number of copies to print.
Page Orientation	Switches **Portrait** or **Landscape** page orientation.

Item	Description
Tone *2	Sets Tone mode to **Normal** or **Fine**. The default setting is **Normal**.
Gloss Mode *2*4	Sets Gloss Mode to **High** or **Low**. The default setting is **Low**.
Color Mode *2	Sets Color Mode to **Monochrome** or **Full Color**.
KIR Mode *3	Switches **KIR (Kyocera Image Refinement)** smoothing **On** or **Off**.
EcoPrint Mode *3	Switches **EcoPrint On** or **Off** to control toner consumption for saving the printing costs. The default setting is **Off**.
Resolution *3	Changes the printing resolution.

*1 : Available on machines with the duplex printing.
*2 : Available for some color machines.
*3 : Available for monochrome machines and some color machines.
*4 : Available on machines which support Gloss Mode.

Printer > System > APL. Filter

This page allows you to configure the **APL. Filter**. The **APL. Filter** is a function that converts the received print data to the specified code and prints that data.

Item	Description
Filter	Switches the **APL. Filter** On or Off.
Filter Name	Selects the **APL. Filter**. You can select the **ASCII to KPDL** conversion process.

Printer > System > APL. Filter Parameters

Configure items that can be set differently between APL. Filters. You can specify fonts and the text to be converted.

Item	Description
Font	Specifies the fonts used for printing.
Start of String	Specifies the character string with which the text to be converted begins. Up to 15 single-byte characters can be specified.
End of String	Specifies the character string with which the text to be converted ends. The default setting is **\f**. Up to 15 single-byte characters can be specified.

Printer > Media Input

This page lets you configure paper trays by type and size. You can also configure cassette groups.

Item	Description
Default	Determines the default tray to feed paper from.
Tray	Displays the trays including those provided by option.
Size	Displays the paper size for each input tray. This setting can be changed using the dropdown list.
Type	Displays the paper type for each input tray. This setting can be changed using the dropdown list.
Group Settings	If multiple cassettes are available, you can set up to three groups of cassettes. Cassettes in a group are treated as a single tray. Paper can be fed continuously from the grouped cassettes.

Printer > Document Output

This page lets you select an output tray.

Item	Description
Paper Output	Determines the default output tray.

Scanner Page

This section includes settings that apply to the scanning function of the machine, such as default scan resolution or original placement.

In order to attach scanned data file to an E-mail and send it, the SMTP settings on the **Advanced** page must be completed.

Scanner > Defaults

The table below provides a summary of the items displayed on the **Scanner > Default** page.

Item	Description
Color Selection (Copy)	This selects color mode for copying. Auto automatically identifies full color or black and white from the original document to copy. You can manually select either **Full Color** or **Black & White** to forcedly switch color mode.
Color Sel. (Send/Store)	This selects color mode for scanning or storing. **Auto Color** (**Color/Grayscale**) and **Auto Color** (**Color/Black & White**) allow you identify color for the original document to scan. You can manually select **Full Color**, **Grayscale**, or **Black & White** to forcedly switch color mode.

Item	Description
Density	This adjusts exposure (darkness) of scanning an original document. **Auto** automatically provides an exposure best suited for the orignal document. **Manual** invokes the exposure which is adjusted manually in the machine.
Scan Resolution	Specifies the resolution. The maximum resolution using full color or gray scale mode is 300 x 300 dpi. To scan in full color or gray scale with 400 dpi or 600 dpi resolution, expansion of the internal memory is required.
Original Image	The original quality is selected according to the type of original. Switches the original quality between **Text**, **Text+Photo**, and **Photo**.
File Format	Selects the file format in which the scanned data will be saved.
Image Quality PDF/TIFF/JPEG	Selects the file quality mode (**1 [Low]** to **5 [High]**) in which the scanned data will be saved.
High-Compression PDF Image	Selects the compression rate for PDF files from **1 (Low)**, **2 (Medium)**, and **3 (High)**.
High-Compression PDF Auto Color	Sets whether to enable or disable the automatic color/ monochrome detection for the original to be scanned.
Auto Color Correction	Selects the detection level from five levels applied when **High-Compression PDF Automatic Color Detection** is set to **ON**. The color mode tends to be used at Level **1** and the monochrome mode at Level **5**.
Zoom	Switches the zoom ratio between **Auto** and **100%**. The default setting is **100%**.
Original Orientation	Switches between **Top Edge Top** and **Top Edge Left**.

Scanner > FTP

The table below provides a summary of the items displayed on the **FTP** page.

Item	Description
FTP	Switches FTP **On** or **Off**.
FTP Port Number	Set the FTP Port Number or use the FTP default port 21.
FTP Encrypted TX	This enables or disables **Encryption** for communication. When turned **On**, data communications are encrypted using the one of the following algorithms.
Encryption	This allows you to specify the encryption algorithm for data communication. You can use more than one algorithms at a time. (This is possible by turning **FTP Encrypted TX** to **On**.)

Scanner > SMB

The table below provides a summary of the items displayed on the **SMB** page.

Item	Description
SMB Protocol	Switches the SMB Protocol **On** or **Off**.
SMB Port Number	Set the SMB default Port Number or use the SMB default port 445.

Scanner > E-mail

The table below provides a summary of the items displayed on the **E-mail** page.

Item	Description
Subject	You can include the model name of the printer, serial number, MAC address, host name and IP address in the subject line as follows: Enter one of the following conversion strings starting with %. The string will be converted into a pre-defined string to display the above information. - %printer = Model - %serial = Serial Number - %etheraddr = MAC Address - %host = Host Name - %ip = IP Address
Body	You can enter the information that you want to appear in the body of the E-mail.

Scanner > i-FAX

This sends scanned data in i-FAX mode. The subject and body contents for i-FAX must be specified. The contents displayed on this page are the same as in **Scanner > E-mail**, described above.

FAX / i-FAX Page

This section includes settings, such as FAX transmission and reception settings, that apply to the FAX function of the device.

FAX / i-FAX > Common > Defaults

The table below provides a summary of the items displayed on the **FAX / i-FAX** > **Common** page.

Item	Description
Local FAX Name	Specifies your FAX system name.

FAX / i-FAX > Common > Receive

The table below provides a summary of the items displayed on the **Receive** page.

Item	Description
FAX Media Type	Sets the media type for printing the received documents. Refer to Paper Specifications.
Use MP Tray	Selects whether or not to include the MP (multi purpose) tray for auto media selection when printing received documents. When turned **On**, the MP tray will be included as an option for auto media selection, and when turned **Off**, only the cassettes will be selected.
Reduced RX Size	Specifies the printing configuration for printing a document, which is larger than the selected paper size. When **Same Size Override** is selected, the document will be printed on multiple sheets of paper without reducing the text. When **Reduction Override** is selected, the document will be printed on one sheet whenever possible.
Receive Date/ Time	Selects **On** or **Off** whether to print the reception information such as the received date, the received time, the transmitting party's information and the number of transmitted pages on the top of the received documents.
Duplex Printing	Specifies whether or not to use the Duplex mode.
2in1 Receive	Enables or disables 2in1 reception.

FAX / i-FAX > Common RX/Forward Requirements > General

Conditional reception/forwarding is a function for automatically forwarding documents received by FAX or i-FAX to other FAX machines, sending them as attachments to E-mail, or saving them into a FAX box instead of printing if they satisfy the specified conditions.

For example, you can forward faxes from particular customers received during business hours to the E-mail addresses of the people responsible for those customers, print and save them in a FAX box if they are received outside business hours, and forward faxes from outside of your business area to the business office nearest to the sender's fax number.

Types of RX/Forward Requirements

Open the **FAX/i-FAX > Common > RX/Forward Requirements > General** page. Select one of the following items.

Item	Description
Off	Disables the forwarding process. Received faxes are printed on paper as in normal operation.
Use Requirements List	Executes the forwarding process according to the specified conditions. For the setting procedure, refer to *Settings for Forwarding Processes Using a Requirement List* on page 22.

Item	Description
All	Executes the forwarding process without specifying conditions. All received faxes are processed in the same way. However, the process of saving them in a FAX box cannot be selected. For the setting procedure, refer to *Settings for Applying the Same Forwarding Process without Using a Requirement List* on page 24.

Settings for Forwarding Processes Using a Requirement List

Open the **FAX/i-FAX > Common > RX/Forward Requirements > Requirement List** page.

1. Add the new condition to the **Requirement List**. Click **Add**.
2. The **Requirement List - Add** page appears. Specify the condition for the FAX forwarding process.

Item	Description
Name	Give the condition set here an easily recognizable name.
Status	Specify whether to enable or disable the condition. This item is set to **Off** for the condition that has just been added. To set this item to **On**, set the conditions and then click to select the desired condition on the **Requirement List** and change the setting.
Activating Time	Specify a period of hours during which the forwarding process is executed. Select **Time Specification** to forward only faxes received during a particular period of hours or **All Day** not to specify the hours.
Enable Time	When **Time Specification** is selected in the previous item, specify the start time and end time.
File Name	Specify the file name to be used for the forwarded file.
Additional Information	Specify the information to be added to the file name specified in the previous item.
Add Sender Information	Determine whether the sender information are added to the file name or not.
Priority	Priotirize the search keys when conducting searching over the sending criterions.

Item	Description
Requirement Type	Select the condition type from the following items. - **FAX Sub Address** - **FAX Number** - **FAX Reception Port** - **i-FAX Address** When an item is selected, the text box below it accepts entry of the necessary information on the selected item. Enter the condition necessary for each item. Asterisks (*) can be used as wildcards. For example, to specify all faxes that came from Tokyo, select **FAX Number** and enter "03*" in the FAX number text box. **FAX Reception Port** shows the list in which you can select **Port 1** or **Port 2**.
Sub Address	If you selected **FAX Sub Address** for **Requirement Type**, enter a subaddress subsequently.

3. After you have finished setting all items, click **Submit**.

4. The **Requirement List** page appears. Check that the condition you have set is added to the **Requirement List**.
Click the name of the condition under which you want to execute the forwarding process. The **Detail/Edit** page opens. Set **Status** to **On**.

5. Then, specify how the forwarding process is executed. Click the desired items among the following three **Action Settings** items in the lower part of the same page. When you want to execute multiple forwarding processes at the same time, for example printing and saving in a FAX box, click both items and set the processes.

Item	Description
Print	Prints received documents on paper.
Name	Displays the condition name.
Status	Displays whether the condition is currently used.
Print	Specifies whether to print on paper.
Copies	When the previous item is set to **On**, specify the number of copies.
Forward	Forwards received documents to other FAX machines, E-mail addresses, shared folders, and so on.
Name	Displays the condition name.
Status	Displays whether the condition is currently used.
File Format	Selects the format of forwarded files from **PDF** and **TIFF**.(This item has effect when the forwarding destination is E-mail, SMB, or FTP.)

Item		Description
	Page Separate	Specifies whether to split the fax into files as many as the number of pages. Select **On** to split the fax.(This item has effect when the forwarding destination is E-mail, SMB, or FTP.)
	Number of Destination	Displays the number of registered destinations displayed for the next item.
	Destination List	Displays a list of registered forwarding destinations. Faxes are forwarded to all destinations displayed here. For how to add a destination, refer to *Setting Destinations* on page 25.
Save to FAX Box		Saves received documents in a FAX box.
	Name	Displays the condition name.
	Status	Displays whether the condition is currently used.
	Save to FAX Box	Specifies whether to save faxes in a FAX box.
	Box Name	Specifies the FAX box to be used. When the selection button is clicked, a list of registered FAX boxes appears. The FAX box to be specified here must be registered in advance. For how to add a FAX box, refer to *Document Box* > *FAX Box* on page 33.

6. After you have finished setting all items, click **Submit**.
7. The screen returns to the **Detail/Edit** page.
   After you have finished setting all items, click **Submit**.
8. The **Requirement List** page appears. Check that the status of the condition you have set is **On**.
   Repeat the above steps to set more conditions.
9. Finally, set the process for faxes that do not satisfy any of the conditions on the **Requirement List**.
   Click **Advanced** of **Not complying with the requirements**.
10. The **Requirement List - Advanced** page appears.
    Set whether to execute forwarding processes for faxes satisfying no conditions by setting the status to **On** or **Off**. When this item is set to **On**, set the subsequent items. The procedure is almost the same as the procedure for adding a condition. See steps 2 to 6 as a reference.
11. After you have finished setting the items, click **Submit**.

    This completes the settings for forwarding processes using a **Requirement List**.

Settings for Applying the Same Forwarding Process without Using a Requirement List

Open the **FAX/i-FAX > Common > RX/Forward Requirements > General** page.

1. Click **Advanced** in **RX/Forward Requirements**.

2. The **RX/Forward Requirements - Advanced** page appears. Specify the forwarding process. The procedure is almost the same as the procedure for adding a condition. See steps 2 to 6 as a reference.

NOTE: The process of saving faxes in a FAX box cannot be selected as the forwarding process to be applied without using a Requirement List.

3. After you have finished setting the items, click **Submit**.

4. Returns to the **RX/Forward Requirements** page.
Select **ALL** and click **Submit**.

This completes the settings for applying the same forwarding process without using a Requirement list.

Setting Destinations

When setting **Forwarding** in **Action Settings** described above, you have to register **Destination** in advance. You can add a new destination or an address registered in the address book to **Destination**.

Addition

Open the **Action Settings > Forward** page.

1. Click **Add**.

2. Select the desired type of forwarding process from **Address Type**. The available types are as follows:

Item	Description
E-mail	Forwards faxes by E-mail. Specify E-mail address.
SMB	Saves faxes in a shared folder accessible from Microsoft Windows Network. Specify **Host Name**, **Path** to the shared folder, **Login User Name**, and **Login Password**.
FTP	Saves faxes on an accessible FTP server. Specify **Host Name**, **Path** to the folder, **Login User Name**, and **Login Password**.
FAX	Forwards faxes to other FAX machines. Specify **FAX Number**, **Transmit Start Speed**, and other necessary information on the forwarding destinations.
i-FAX	Forwards faxes to other i-FAX systems. Specify **i-FAX Address**, **Connection Mode**, and other necessary information on the forwarding destinations.

3. After you have finished specifying the destination, click **Submit**.
The **Action Settings > Forward** page appears. Check that the **Destination** is added to the **Destination List**.

Addition from the Address Book

There are two types of address book: address book contacts and address book groups. In address book contacts, each entry has an address of one person. In address book

groups, each entry has multiple addresses. When an address of a group is added, faxes are forwarded to all addresses registered in the group.

Before adding an address from an address book, you have to register the address in the address book. For how to register an address in an address book, refer to *Basic* > *Defaults* > *Address Book* > *Contacts* on page 10 or *Basic* > *Defaults* > *Address Book* > *Groups* on page 11.

Open the **Action Settings > Forward** page.

1. Click **Import Contacts** or **Import Groups**.
2. The address book opens. Put a check mark in the check box for the address or group you want to add to the destinations.
3. After you have finished selection, click **Submit**.
4. The **Action Settings > Forward** page appears. Check that the **Destination** is added to the **Destination List**.

Deletion

You can delete a **Destination** from the **Destination List**.

Open the **Action Settings > Forward** page.

1. Put a check mark in the check box for the destination you want to delete from the **Destination List**.
2. After you have finished selection, click **Delete**.
   The **Action Settings > Forward - Delete** page appears. You can confirm the destinations to be deleted.
3. Click **Delete** when the desired destinations are selected.
4. The **Action Settings > Forward** page appears. Check that the **Destination** is deleted from the **Destination List**.
   After confirming the settings, click **Submit**.

FAX / i-FAX > FAX > Defaults

The table below provides a summary of the items displayed on the **FAX / i-FAX > FAX > Defaults** page.

Item	Description
Local FAX Number (Port 1/ 2)	Specifies your FAX system number.
FAX Line	Sets the type of phone line to correspond to the type of telephone service that you are using. Be sure that the type of phone line you select is correct because, if the setting is incorrect, dialing will be impossible. The choices are **Tone (DTMF)** or **Pulse (10pps)**, or **Pulse (20pps)**.
Local FAX ID	Specifies your FAX system ID.

Item	Description
Speaker Volume	Sets the volume of the internal speaker that allows you to listen to conditions on the telephone line when the **[On-Hook]** key was pressed. The choices are **Off** and levels **1**, **2** or **3**.
Monitor Volume	Sets the volume of the internal speaker that allows you to listen to conditions on the telephone line when the **[On-Hook]** key was not pressed. The choices are **Off** and levels **1**, **2** or **3**.

FAX / i-FAX > FAX > Transmit

The table below provides a summary of the items displayed on the **Transmit** page.

Item	Description
TTI	Selects **On** or **Off** whether to send the TTI (Transmit Terminal Identifier) information to other party.
TTI Position	Selects the position of the TTI to be printed on the transmitted documents.

FAX / i-FAX > FAX > Receive

The table below provides a summary of the items displayed on the **Receive** page.

Item	Description
FAX Receive	Selects the FAX reception mode. The selectable option is different depending on the destination. The choices are **Auto** (**Normal**, **FAX/TEL**, **TAD** or **DRD**) or **Manual**.
DRD Pattern	Selects the DRD pattern. This menu is available only for specific destinations. This is not displayed on European models.
Remote Switching Dial Number	Specifies the remote switching dial number. You can specify it within a range of 00 to 99. Remote switching allows you to initiate FAX reception from a telephone connected to the FAX system.
Encryption Key No.	Sets the encryption key number to be used for encrypted communication.
Reception Port	Sets the receive-only port. (Availeble in multiport mode).
Number of Rings (Normal)	Specifies the number of rings for Auto FAX reception (**Normal**). You can specify it within a range of 1 to 15.
Number of Rings (TAD)	Specifies the number of rings for Auto FAX reception (**TAD**). You can specify it within a range of 1 to 15.
Number of Rings (FAX/TEL)	Specifies the number of rings for Auto FAX reception (**FAX/TEL**). You can specify it within a range of 0 to 15. This is not displayed on European models.

FAX / i-FAX > FAX > FAX Restrictions > General

The table below provides a summary of the items displayed on the **FAX Restrictions > General** page.

Item	Description
Transmit Restriction	Selects the transmitting restriction between **Off** and **Use Permit List + Address Book**.
Receive Restriction	Selects the receiving restriction between **Off**, **Use Permit List + Address Book**, and **Use Reject List**.

FAX / i-FAX > FAX > FAX Restrictions > Permit Number List

The table below provides a summary of the items displayed on the **Permit Number List** page.

Item	Description
Add	Clicking **Add** will display the **Permit Number List - Add** page. Enter in **Permit FAX Number** the FAX number to add, then click **Submit**.
Delete	To delete a FAX number from **Permit Number List**, click the checkbox next to the FAX number, then click **Delete**. If you accept the confirming prompt, click **Delete**.

FAX / i-FAX > FAX > FAX Restrictions > Permit ID List

The table below provides a summary of the items displayed on the **Permit ID List** page.

Item	Description
Add	Clicking **Add** will display the **Permit ID List - Add** page. Enter in **Permit FAX ID** the FAX ID to add, then click **Submit**.
Delete	To delete a FAX ID from **Permit Number List**, click the checkbox next to the FAX ID, then click **Delete**. If you accept the confirming prompt, click **Delete**.

FAX / i-FAX > FAX > FAX Restrictions > Reject Number List

The table below provides a summary of the items displayed on the **Reject Number List** page.

Item	Description
Add	Clicking **Add** will display the **Reject Number List - Add** page. Enter in **Reject FAX Number** the FAX number to reject, then click **Submit**.
Delete	To delete a FAX number from **Reject Number List**, click the checkbox next to the FAX ID, then click **Delete**. If you accept the confirming prompt, click **Delete**.

FAX / i-FAX > FAX > Encryption Key

Specifies the encryption key in hexadecimal. The length of the encryption key is 16 digits. Enter 16 characters using the numbers 0-9 and the letters A-F.

FAX / i-FAX > i-FAX > Transmit

The table below provides a summary of the items displayed on the **Transmit** page.

Item	Description
TTI	Selects **On** or **Off** whether to send the TTI (Transmit Terminal Identifier) information to other party.
TTI Position	Selects the position of the TTI to be printed on the transmitted documents.

FAX / i-FAX > i-FAX > SMTP

The table below provides a summary of the items displayed on the **SMTP** page.

Item	Description
Use i-FAX Server	Sets whether to use the i-FAX server.
SMTP Port Number	Set the SMTP Port Number or use the SMTP default port 25.
SMTP Server Name	Enter the SMTP server name or its IP address. If entering the name, rather than the IP address, a DNS server address must also be configured. The DNS server address may be entered on the **TCP/IP General** page (refer to *Advanced > Protocols > TCP/IP > General* on page 35).
SMTP Server Timeout	Sets the timeout in seconds during which this machine tries to connect to the SMTP server.
Authentication Protocol	Enables or disables the SMTP authentication protocol or sets **POP before SMTP** as the protocol. The SMTP authentication supports Microsoft Exchange 2000.
Authenticate as	Selects the user to be authenticated in SMTP authentication. If you want to select a user other than i-FAX users, select **Other** and enter the **Login User Name** and **Login Password** for authentication.
Login User Name	When **Other** is selected for **Authenticate as**, the account name set here will be used for SMTP authentication.
Login Password	Enter the login password.
POP before SMTP Timeout	Enter the timeout in seconds during which this machine tries to connect to the SMTP server when set **POP before SMTP** as the **Authentication Protocol**.
Test	Tests to confirm that the settings on this page are correct. When the **Test** button is pressed, this machine tries to connect to the SMTP server.

Item	Description
E-mail Size Limit	Enter the maximum size of E-mail that can be sent in Kilobytes. When the value is 0, the **limitation for E-mail size** is disabled.
Sender Address	Displays the sender address used for E-mails sent from this machine. For how to change the sender address, Set the E-mail address in **E-mail Address** on *FAX / i-FAX > i-FAX > POP3* on page 30.
Signature	Displays the signature to be inserted in the end of the E-mail body. For how to change the signature, refer to *Advanced > E-mail > SMTP > General* on page 40.

FAX / i-FAX > i-FAX > POP3

The table below provides a summary of the items displayed on the **POP3** page.

Item	Description
POP3	Enables or disables POP3. For how to change this setting, refer to *Advanced > E-mail > POP3 > General* on page 42.
Auto Receive	Specifies whether to print received i-FAX messages automatically. When this item is set to **On**, the system checks the POP3 server for received messages at the intervals set in **Check Interval** descried below and immediately prints the messages if any. When this item is set to **Off**, the periodic checks are not executed. Click **Receive** described below to check for messages.
Check Interval	Displays the interval, in minutes, for connecting to the POP3 server to check for incoming mails. For how to change this setting, refer to *Advanced > E-mail > POP3 > General* on page 42.
Run once now	Click the **Receive** button to immediately receive E-mail from the POP3 server.
E-mail Address	Enter the E-mail address for i-FAX . The E-mail address is displayed in **Sender Address** on *FAX / i-FAX > i-FAX > SMTP* on page 29.
POP3 Server Name	Enter the POP3 server name or IP address.
POP3 Port Number	Enter the POP3 port number or use the default port number 110.
POP3 Server Timeout	Enter the timeout in seconds during which this machine tries to connect to the POP3 server.
Login User Name	Enter the login name of the user.
Login Password	Enter the password for connecting to the user name above.
Use APOP	Enables or disables APOP.

Item	Description
Test	Tests to confirm that the settings on this page are correct. When the **Test** button is pressed, this machine tries to connect to the POP3 server.
Delete e-mail after retrieval	Enables or disables the Delete E-mail after retrieval function.
E-mail Size Limit	Enter maximum E-mail size in Kilobytes. When the value is 0, the limitation for E-mail size is disabled.
Cover Page	Specifies whether to print the body of E-mail in addition to the attached files. When this item is set to **On**, the attached files and the body of E-mail are printed. When no attached files exist, only the body of E-mail is printed. When this item is set to **Off**, only the attached files are printed. When no attached files exist, nothing is printed.

FAX / i-FAX > i-FAX > Domain Restrictions > General

The table below provides a summary of the items displayed on the **Domain Restictions** page.

Item	Description
SMTP Restriction	Selects the restriction level from **Off**, **Reject**, and **Permit**.
POP3 Restriction	Selects the restriction level from **Off**, **Reject**, and **Permit**.

FAX / i-FAX > i-FAX > Domain Restrictions > SMTP Restriction List

The table below provides a summary of the items displayed on the **SMTP Restriction List** page.

Item	Description
Domain Name	Enter the domain names that can be permitted or rejected. You can also specify the E-mail addresses.

FAX / i-FAX > i-FAX > Domain Restrictions > POP3 Restriction List

The table below provides a summary of the items displayed on the **POP3 Restriction** List page.

Item	Description
Domain Name	Enter the domain names that can be permitted or rejected. You can also specify the E-mail addresses.

Jobs Page

This section includes information on all device jobs including job status, scheduled job and job log.

The table below provides a summary of the pages in **Jobs** page. When clicking the job on each page, the detailed information of the job is displayed.

Page	Description
Status > Printing Jobs Status	Shows the job status for each operation. To show the latest status, click **Refresh**. To cancel execution of the selected job, click **Job Cancel**.
Status > Sending Jobs Status	
Status > Storing Jobs Status	
Schedule	Shows the scheduled job such as FAX delayed transmission.
Log > Printing Jobs Log	Shows the job log for each operation.
Log > Sending Jobs Log	
Log > Storing Jobs Log	

Document Box Page

This section includes addition and deletion of a document box, and deletion of documents in a document box.

There are three types of document boxes: **Custom Box**, **FAX Box**, and **Polling Box**.

Document Box > Custom Box

The table below provides a summary of the items displayed on the **Custom Box** page.

Item	Description
Number of Custom Boxes	Displays the number of registered document boxes.
Add	Displays a screen where you can add a new document box. Enter the required information and click the **Submit** button.
Delete	Deletes the selected document box.

You can add, edit or delete a custom box as follows:

Adding a New Custom Box

1. Open the **Custom Box** page.
2. Click **Add** and enter information for the custom box.
3. Click **Submit**.

Editing a Custom Box

1. Open the **Custom Box** page.
2. Click the Box Number of the custom box to edit.
3. Click **Detail/Edit** and enter information for the custom box.
4. Click **Submit**.

Deleting a Custom Box

1. Open the **Custom Box** page.
2. Check the custom box to delete. When the check box on the left side of **Box Number** is selected, all custom boxes displayed on the page will be checked.
3. Click **Delete**.
   The **Custom Box - Delete** page appears. You can confirm the user boxes to be deleted.
4. Click **Delete** when the desired custom box is selected.

Document Box > FAX Box

The table below provides a summary of the items displayed on the **FAX Box** page.

Item	Description
Number of FAX Boxes	Displays the number of registered document boxes.
Add	Displays a screen where you can add a new document box. Enter the required information and click the **Submit** button.
Delete	Deletes the selected document box.

You can add, edit or delete a FAX box as follows:

Adding a New FAX Box

1. Open the **FAX Box** page.
2. Click **Add** and enter information for the FAX box.
3. Click **Submit**.

Editing a FAX Box

1. Open the **FAX Box** page.
2. Click the Box Number of the FAX box to edit.
3. Click **Detail/Edit** and enter information for the FAX box.
4. Click **Submit**.

Deleting a FAX Box

1. Open the **FAX Box** page.

2. Check the FAX box to delete. When the check box on the left side of **Box Number** is selected, all FAX boxes displayed on the page will be checked.
3. Click **Delete**.
   The **FAX Box - Delete** page appears. You can confirm the FAX boxes to be deleted.
4. Click **Delete** when the desired FAX boxes are selected.

Document Box > Polling Box

The table below provides a summary of the items displayed on the **Polling Box** page.

Item	Description
Number of Documents	Displays the number of registered documents.
Delete	Deletes the checked documents.
Detail/Edit	Determine, after the document has been sent, whether you want the document to be automatically deleted or to be retained (overwritten).

Setting a Poling Box

1. Open the **Poling Box** page.
2. Click **Detail/Edit** to delete or retain the document sent.
3. Click **Submit**.

Removing a document from the Poling Box

1. Open the **Poling Box** page.
2. Check the document to delete. When the check box on the left side of document is selected, all documents displayed on the page will be checked.
3. Click **Delete**. The **Poling Box - Delete page** appears. You can confirm the documents to be deleted.
4. Click **Delete** when the desired documents are selected.

Advanced Page

This section includes advanced settings that apply to the machine and is comprised primarily of advanced network settings. Pages in this section are available only to the Administrator (if the Admin password has been set).

Always restart this machine after you have completed these settings in order to properly register the content of those settings in the machine. Refer to *Basic > Defaults > Reset* on page 9.

Advanced > Network Protocol Quick Summary/Secure Protocol Quick Summary

The usage of the protocols that have already been set is displayed. The following protocols can be displayed.

- TCP/IP
- Netware
- IPP
- AppleTalk
- NetBEUI
- SMTP
- POP3
- SNMP v1/v2
- SNMPv3
- LDAP
- SSL
- IPSec
- IEEE802.1x

Advanced > Protocols > TCP/IP > General

The table below provides a summary of the items displayed on the **TCP/IP > General** page.

Item	Description
Host Name	Specifies a name for the printing system network component. This name is also used as the NetBEUI printer name.
IPv4 Settings **DHCP/ BOOTP**	Specifies whether or not to automatically obtain an IP address using DHCP or BOOTP.
IP Address	Assigns an IPv4 address to the printing system network component. The format of the IPv4 address is a sequence of numbers (32-bit in total) separated by dots, e.g. 192.168.110.171.
Subnet Mask	Specifies the subnet mask.
Default Gateway	Specifies the IP address of the default gateway.
Domain Name	Specifies the DNS (Domain Name System) name of the domain to which the printing system belongs. It should not contain the host printer name, as in kyoceramita.co.jp.
DNS Server (Primary, Secondary)	Specifies the IP addresses of the primary and secondary DNS (Domain Name System) servers. When DHCP/BOOTP is turned On, you can select to use either the DNS servers obtained via DHCP or the DNS servers being set under this item.
WINS Server (Primary, Secondary)	Specifies the IP addresses of the primary and secondary WINS (Windows Internet Name Service) servers. When DHCP/BOOTP is turned On, you can select to use either the WINS server obtained via DHCP or the WINS server being set under this item.

Item		Description
	Bonjour	Specifies whether or not to automatically obtain an IP address using Bonjour. You can add a Bonjour printer from the Print Center of Mac OS X. When using a Windows operating system, you can use the Bonjour Printer Wizard to add a printer. The following conditions must be satisfied to automatically obtain an IP address using Bonjour: If DHCP/BOOTP is turned Off, an IP address should not be specified. If DHCP/BOOTP is turned On, automatic IP address assignment by the DHCP server should not be enabled. To allow printing from the Mac OS X system, the printer needs to support KPDL.
	Bonjour Name	If Bonjour is turned On, this specifies the Bonjour name to be used.
IPv6 Settings	**IPv6**	Specifies whether or not to enable the IPv6 protocol. Select **On** to use the IPv6 protocol.
	IP Address	Assigns an IPv6 address to the printing system network component. The format of the IPv6 address is a sequence of numbers (128 bit in total) separated by colons, e.g. 2001:db8:3c4d:15::1a2c:1a1f.
	Prefix Length	Specifies the IPv6 prefix length. It can be a decimal value between 0 and 128.
	RA (Stateless)	Select On to use RA instead of the DHCP server to configure IPv6 addresses.
	Default Gateway	Specifies the IPv6 address of the default gateway.
	DHCPv6 (Stateful)	Specifies whether or not to obtain IPv6 IP addresses by automatic configuration. When RA is turned On, the IP addresses and server information are obtained via DHCPv6 based on the settings of the automatic configuration made under RA (router setting).
	Domain Name	Specifies the DNS (Domain Name System) name of the domain to which the printing system belongs.
	DNS Servers (Primary, Secondary)	Specifies the IP addresses of the primary and secondary DNS (Domain Name System) servers. When DHCPv6 (Stateful) is turned **On**, you can select to use either the DNS servers obtained via DHCP or the DNS servers being set under this item.

Advanced > Protocols > TCP/IP > IP Filters

This page allows you to configure IP filters. IP filters restrict access to the printing system based on the IP addresses and protocols.

Specify the IP addresses or network addresses of the hosts to which access is granted.

If nothing is specified on this page, access from all hosts is allowed.

Item	Description
IP Filter (IPv4) **IP Address (IPv4)**	Specifies the IP address or network address to be permitted. The number of specifiable entries differs depending on models.
Subnet Mask	Specifies the subnet mask to be permitted. To permit access from all hosts on network 192, enter "192.0.0.0" for the IP address and "255.0.0.0" for the subnet mask. Subnet mask can be left blank.
Protocols	Specifies the protocol to be permitted. The following protocols can be selected. - LPD - FTP - IPP - HTTP - SNMP - RAW Port - IPP over SSL - HTTPS
IP Filters (IPv6) **IP Address (IPv6)**	Specifies the IP addresses to which access is granted. The number of addresses that can be specified varies depending on the model used.
Prefix Length	Specifies the IPv6 prefix length. It can be a decimal value between 0 and 128.
Protocols	Specifies the protocols through which access is granted.The following protocols can be selected. - LPD - FTP - IPP - HTTP - RAW Port - SNMP

Advanced > Protocols > TCP/IP > Logical Printers

This page allows you to configure the Logical Printers. This machine can be used as a virtual printer for converting ASCII print data to PostScript data or for adding and/or replacing a character strings (commands) at the beginning or end of job data. Up to four logical printers can be set.

Each logical printer can be used with either the FTP, LPR, IPP, NetBEUI, or Raw Port protocol. All printout to a non-existent port will be accomplished to **Logical Printer1**.

Item	Description
TCP/IP Port Number	Specifies the port number for the logical printer as well as the TCP raw port number (9100, etc.). Conversion is applied to data that is input to the specified raw port in accordance with the selected logical printer. This port is invalid if it is given a port number that is the same as that of an already specified port (e.g. FTP or LPD).
Bi-directional Printing	**On** or **Off** Bi-directional Printing using the TCP/IP raw port. With this setting **Off**, all send data are discarded. In order to have the data that is received from the printer returned to the client when printing with PostScript, PJL and other such commands, it is necessary to **On** bi-directional printing.
Start of Job String	Specifies the character string sent to the printer before output directly to the output port (lp port). Specifies the character string if it is necessary to transmit the control code before printing.
End of Job String	Specifies the character string sent to the printer after directly outputting to the output port (lp port). Specify a character string, if it is necessary, to send a control code after printing.

Advanced > Protocols > Netware

This printing system supports both NDS and bindery printing in either print server mode or remote printer mode.

NetWare setup requires installation of the following client software and logon with Administrator Privileges. If you are unsure, please contact your network administrator.

With Novell Client, creation of the NetWare print objects with the AdminManager NetWare Setup Wizard requires the NetWare Client from Novell. For NetWare printing, you may use the NetWare Client from either Novell or Microsoft.

For Admin Privileges, network operations (creating queues etc.) require 'admin' or 'supervisor' privileges (or equivalent). Certain portions of AdminManager may be inoperable if you attempt those operations without sufficient privileges.

Item	Description
NetWare Protocol	Enables or disables the Network Protocol.
Bindery Mode	Enables or disables Bindery Mode.
Frame Type	Sets the Frame type. You can choose from **Auto**, **802.3**, **Ethernet-II**, **SNAP** or **802.2**.
File Server (Primary)	Enter the name of the primary File Server.
NDS Tree	Enter the name of the NDS Tree.

Item	Description
NDS Context	Enter the NDS Context.
Print Server Mode	Enables or disables Print Server Mode.
Print Server Name	Enter the Print Server Name.
Queue Polling Interval	Enter the Queue Polling Interval in seconds.
Password (optional)	Enter the Password, if required. Login to NetWare will be successful only if the password set here matches the Print Server password set within the NetWare utilities.
Remote Printer Mode	Enables or disables Remote Printer Mode.
Print Server Name	Enter the name of the printer server that the remote printer belongs to.
Job Timeout	Enter the timeout in seconds.

Advanced > Protocols > IPP

Using IPP (Internet Printing Protocol) or IPP over SSL, you can output to the printing system over the Internet or an intranet.

Item	Description
IPP	Enables or disables IPP.
IPP Port Number	Sets the port number to be used by IPP. In normal situations, set this port number to 631.
IPP over SSL	Enables or disables the IPP over SSL protocol. When this is set to **On**, SSL in the secure protocol settings must also be set to **On**. For details on secure protocol, see *Advanced > Security > Secure Protocols* on page 48.
IPP over SSL Port Number	Sets the port number to be used by IPP over SSL. In normal situations, set this port number to 443.

Advanced > Protocols > AppleTalk

You can print from Macintosh computers using the AppleTalk protocol.

The printing system network component supports Mac OS of various versions (*System Requirements* on page 1) and is compatible with LaserWriter driver version 8.x.

To set up the Ethernet interface to communicate via AppleTalk, enables AppleTalk protocol operation on the printing system.

Item	Description
AppleTalk	Enables or disables AppleTalk protocol.
Printer Name	Specifies the name of the printing system in the AppleTalk network.
Zone Name	Specifies the name of the AppleTalk zone (network). An asterisk (*) means the default zone.

Advanced > Protocols > NetBEUI

Peer-to-peer printing is available using NetBEUI protocol. With this method, the printing system is located in Windows Network Neighborhood.

Item	Description
NetBEUI Protocol	Enables or disables NetBEUI protocol. If NetBEUI is turned **On**, name resolution via NetBIOS (NMB) can be used.
Printer Name	Printer Name correlates with Host Name in the **TCP/IP General** page (refer to *Advanced* > *Protocols* > *TCP/IP* > *General* on page 35). If you want to change the NetBEUI printer name, change the TCP/IP Host Name.
Workgroup	Workgroup represents the workgroup which will appear in Entire Network in Windows Network Neighborhood.
Comment	You can enter comments here. (This can also be left blank.)

Advanced > E-mail > SMTP > General

This machine can send Low Toner and other information via E-mail to the specified mail address. To use the mail function, configure SMTP (Simple Mail Transfer Protocol) to connect this machine to an E-mail server.

Item	Description
SMTP Protocol	Enables or disables SMTP protocol. To use E-mail, this protocol must be enabled.
SMTP Port Number	Set the SMTP Port Number or use the SMTP default port 25.
SMTP Server Name	Enter the SMTP server name or its IP address. If entering the name, rather than the IP address, a DNS server address must also be configured. The DNS server address may be entered on the **TCP/IP General** page (refer to *Advanced* > *Protocols* > *TCP/IP* > *General* on page 35).
SMTP Server Timeout	Sets the timeout in seconds during which this machine tries to connect to the SMTP server.

Item	Description
Authentication Protocol	Enables or disables the SMTP authentication protocol or sets **POP before SMTP** as the protocol. The SMTP authentication supports Microsoft Exchange 2000.
Authenticate as	Specifies the user to be authenticated in SMTP authentication. When POP3 User **1** to **3** (refer to *Advanced* > *E-mail* > *POP3* > *User #* on page 43) and **iFAX User** are set, you can select one of them. If you want to select a different user, select **Other** and enter the **login account name** and **login password** for authentication.
Login User Name	When **Other** is selected for **Authenticate as**, the account name set here will be used for SMTP authentication.
Login Password	When **Other** is selected for **Authenticate as**, the password set here will be used for authentication.
POP before SMTP Timeout	Enter the timeout in seconds during which this machine tries to connect to the SMTP server when set **POP before SMTP** as the **Authentication Protocol**.
Test	Tests to confirm that the settings on this page are correct. When the **Test** button is pressed, this machine tries to connect to the POP3 server.
E-mail Size Limit	Enter the maximum size of E-mail that can be sent in Kilobytes. When the value is 0, the limitation for E-mail size is disabled.
Sender Address	Enter the E-mail address of the person responsible for the printing system, such as the printer administrator, so that a reply or non-delivery report will go to a person rather than to the machine. The sender address must be entered correctly for SMTP authentication. Note that no mail message can be sent unless the sender's address is specified.
Signature	Enter the signature. The signature is free form text that will appear at the end of the E-mail body. It is often used for further identification of the machine.
Domain Restriction	Enter the domain names that can be permitted or rejected. You can also specify the E-mail addresses.

Advanced > E-mail > SMTP > E-mail Recipient

This page allows you to set the address for receiving E-mail and contents of event reports. Up to three recipients can be set.

Item	Description
Recipient # Address	Enter the E-mail address for this recipient.

Item	Description
Subject	Specifies the information to be displayed at Subject. When the following variable starting with "%" is entered, it is converted to values for information set on this machine and displayed at Subject. - %printer = Model - %serial = Serial Number - %etheraddr = MAC Address - %host = Host Name - %ip = IP Address
Event Report Items	Select the events you want to be reported. These events are: - Add Paper - Low Toner - Add Toner - Cover Open - Paper Jam - All Other Errors
Event Report Interval	Enter the E-mail interval. An E-mail will be sent at the end of the interval only when at least one of the selected error conditions has occurred during the interval. The interval can be set from 1 minute to 10000 minutes.
Scheduled Report Items	Check one or more items from **Printer Status**, **Network Status**, and **Counter Status**.
Scheduled Report Interval	Select the time or interval for sending the status information. • **None**: No report is sent. • **Monthly**: Sends on the specified time of specified month. • **Weekly**: Sends on the specified time of every week. • **Daily**: Sends at the specified time of every day. • **Hourly**: Sends at the specified interval every hour. If a specified day does not exist in the month, such as the 31st, the last day of the month is used as the specified day.
Run once now	You can test this by clicking the **Send** button to immediately send a report.

Advanced > E-mail > POP3 > General

To use the E-mail function, you need to connect the printing system to an E-mail server using the POP3 protocol.

Item	Description
POP3 Protocol	Enables or disables POP3 protocol.
Check Interval	Checks E-mails in POP3 server at specific interval. Specify the interval in the range from 3 minutes to 60 minutes. The default is 15 minutes.
Run once now	Click the **Receive** button to immediately receive E-mail from the POP3 server.
Domain Restriction	Enter the domain names that can be permitted or rejected. You can also specify the E-mail addresses.

Advanced > E-mail > POP3 > User

This page allows you to set the POP3 user account and information on the POP3 server. Up to three users can be set.

Item	Description
User Profile #	Enables or disables this user number.
E-mail Address	Enter the E-mail address.
POP3 Server Name	Enter the POP3 server name or IP address.
POP3 Port Number	Enter the POP3 port number or use the default port number 110.
POP3 Server Timeout	Enter the timeout in seconds during which this machine tries to connect to the POP3 server.
Login User Name	Enter the login name of the user.
Login Password	Enter the password for connecting to the user name above.
Use APOP	Enables or disables APOP.
Test	This will test one transmission for each press.
Delete e-mail after retrieval	Enables or disables the Delete E-mail after retrieval function.
E-mail size limit	Enter maximum E-mail size in Kilobytes. When the value is 0, the limitation for E-mail size is disabled.
Cover Page	Specifies whether to print the body of E-mail in addition to the attached files. When this item is set to **On**, the attached files and the body of E-mail are printed. When no attached files exist, only the body of E-mail is printed. When this item is set to **Off**, only the attached files are printed. When no attached files exist, nothing is printed.

Advanced > Management > SNMP > SNMPv1/v2c

The SNMP protocol is used for providing and transferring management information within the network environment. Should an error occur such as *Add Paper*, the printing system automatically generates a *trap*, an error message sent to up to two pre-determined trap recipients.

Item	Description
SNMPv1/v2c	Sets whether to use the SNMPv1/v2c protocol. Set **On** to use it. After you have changed this setting, you must restart this machine.

Item	Description
Read Community	The read community can be used like a password. The default read community name is *public*. After you have changed this setting, you must restart this machine. When a management application sends an SNMP request to read a value, it must include the correct read community name or the request will be rejected by the printing system.
Write Community	Similar in function to the read community, but used in SNMP requests to write (change) a value.The default write community name is *public*. After you have changed this setting, you must restart this machine.
sysContact	The MIB-II sysContact object, usually the E-mail address of the network administrator.
sysName	The MIB-II sysName object, usually the host or domain name of the printing system.
sysLocation	The MIB-II sysLocation object, usually the location information of the printing system.
HP Web Jetadmin Compatibility	Turns HP Web Jetadmin Compatibility **On** or **Off**. After you have changed this setting, you must restart this machine.
Authentication Traps	Specifies whether to use authentication traps. If enabled, an SNMP trap is generated when an attempt to read or write is made using an incorrect community name. The trap is sent to the configured trap address.
Trap Community	The SNMP trap community name to be used when the printing system generates a trap.
Trap IP Address (IPv4)	Enter the IPv4 address that receives traps. Select **On** to enable trap receiving.
Trap IP Address (IPv6)	Enter the IPv6 address that receives traps. Select **On** to enable trap receiving.
Trap IPX Address	Enter the IPX address that receives traps. Select **On** to enable trap receiving.
Selected Errors	Select the events which will cause a trap to be generated from **Add Paper**, **Low Toner**, **Add Toner**, **Cover Open**, **Paper Jam**, and **All Other Errors**.

Advanced > Management > SNMP > SNMPv3

The table below provides a summary of the items displayed on the **SNMPv3** page.After you have changed this setting, you must restart this machine. For the restarting procedure, refer to *Basic* > *Defaults* > *Reset* on page 9.

Item	Description
SNMPv3	Sets whether to use the SNMPv3 protocol. Set **On** to use it.
Authentication	Sets whether to authenticate the user in SNMP communication.

Item	Description
Hash	Selects the hash algorithm. This item is displayed when the **Authentication** is **On**.
Privacy	Sets whether to encrypt the communicated data in SNMP communication. This becomes available when **Authentication** is enabled.
Encryption	Selects the encryption algorithm. This item is displayed when **Privacy** is **On**.
User Name	Enter the name of the read-only user.
Password	Enter the password for the read-only user.
User Name	Enter the name of the read/write user.
Password	Enter the password the read/write user.

Advanced > Management > LDAP

The FAX System can refer to the address book which is on the LDAP server as an external address book and assign a FAX number and E-mail address to the destination.

Item	Description
LDAP	Enables or disables access to the LDAP server.
LDAP Server Name	Specifies a name or IP address for the LDAP server.
LDAP Port Number	Specifies a port number for LDAP or use the LDAP default port 389.
Search Timeout	Specifies a period of time for searching the LDAP server.
Login User Name	Specifies the user name.
Login Password	Specifies the password.
Max Search Results	Specifies a maximum number of displayed results which have been searched on the LDAP address book.
Search Base	Specifies a base object which indicates the starting point in the tree structure of the database for the LDAP directory searching.
Display Mode	Selects the default display mode from **Display from the first name** and **Display from the family name**.
LDAP Encryption	Selects the type of encryption according to the type of security employed by the LDAP server. Select **Off** when encryption is not used.
LDAPv3/ TLS	Uses explcit mode for data communication. Select this if the server supports the startTLS command. This uses the same port (389) as LDAP.

Item	Description
LDAP over SSL	Uses implicit mode for data communication. The server provides services using the LDAP over SSL port (636). Encryption is applied to any data communication using this port.

Advanced > Management > Authentication

Setting **Authentication** allows only the predefined users to access pages. In addition, you can discriminate users by giving either the **General User** or **Administrator** privilege to each user. Before using the authentication function, you have to define those users. For how to define users, refer to *Basic* > *Security* > *User Login* on page 13.

Item	Description
Authenticate mode	Specifies whether to enable or disable the authentication function. To disable it, select **Off**. To enable it, select either of the following.
Local Authenti-cation	Users are registered in this machine and one-to-one authentication is performed between this machine and a PC.
Network Authenti-cation	This machine and relevant PCs need to be under the management of the Windows domain network. Depending on model, users registered in this machine must be the same as those registered in the domain controller.
Domain Name	Specifies the domain name of the Windows domain network when **Network Authentication** is specified in the preceding item.
Host Name	Specifies the domain controller name of the Windows domain network when **Network Authentication** is specified in the preceding item.
Server Type	Specifies the authentication method used by the domain controller when **Network Authentication** is specified in the preceding item. Select **NTLM** when the domain controller is Windows NT or **Kerberos** for Windows 2000 Server or Windows Server 2003.
Keyboard Login	This determines whether login authentication is allowed via the machine operation panel or not, despite the IC card authentication is activated (using the IC card authentication kit installed).

NOTE: If the server type is [Kerberos (Win2000/2003)], only domain names entered in uppercase will be recognized.

When a user sets authentication and accesses COMMAND CENTER, only the **Start** page is displayed. The **Login** button is displayed in the upper left of the screen. Click it to log in. When the user logs in with an **Administrator** account, hidden pages are displayed and can be accessed. When the user logs in with a **General User** account, the user can access the user's account page on *Basic* > *Security* > *User Login* and the

user's settings on the basic page, and the user's document box and shared document box pages.

Advanced > Management > Notification/Maintenance > Maintenance Notification

This feature defines the recipient of maintenance information reports.

Item	Description
Equipment ID	This is the name by which the machine will be identified.
Recipient Address	The E-mail address of the recipient. If there is more than one recipient then the addresses should be separated by a semi-colon ";".
Subject	You can include model name, serial number, MAC address and equipment ID in the subject line as follows: Enter one of the following conversion strings starting with %. The string will be converted into a pre-defined string to display the above information. - %printer = Model - %serial = Serial Number - %etheraddr = MAC Address - %equipid = Equipment ID
E-mail Interval	Sets the time or interval for sending the status information. Events will be reported at the specified interval. • **None**: No report is sent. • **Monthly**: Sends on the specified day of specified month. • **Weekly**: Sends on the specified day of every week. • **Daily**: Sends at the specified time of every day. • **Hourly**: Sends at the specified interval every hour. If a specified day does not exist in the month, such as the 31st, the last day of the month is used as the specified day.
Run once now	You can test this by clicking the **Send** button to immediately send a report.

Advanced > Management > Maintenance Notification > Job Log Notification

This feature defines the Job Log Notification information reports.

Item	Description
Recipient Address	The E-mail address of the recipient. If there is more than one recipient then the addresses should be separated by a semi-colon ";".
Subject	You can include model name, serial number, and MAC address in the subject line as follows: Enter one of the following conversion strings starting with %. The string will be converted into a pre-defined string to display the above information. - %printer = Model - %serial = Serial Number - %etheraddr = MAC Address

Item	Description
Auto Sending	Determines whether the job log report is sent or not. Set this to **On** to send the report.
Max Job Log	Set the number of job logs for sending, from 1 to 1500.
Run once now	You can test this by clicking the **Send** button to immediately send a report.

Advanced > Security > Secure Protocols

You can encrypt communication between a PC and this machine using SSL encryption. After you have changed this setting, you must restart this machine. For the restarting procedure, refer to *Basic* > *Defaults* > *Reset* on page 9.

Item	Description
SSL	Specifies whether or not to use the SSL protocol.
Serverside Settings **Effective Encryption**	Selects the encryption algorithm(s) to be used.
HTTP Security	Specifies the security level.
Secure Only (HTTPS)	Encrypts all communication. Access is possible only with a URL that begins with "https://." Access attempts using an ordinary http:// URL are automatically redirected to the URL where "http://" is replaced with "https://."
Not Secure (HTTPS & HTTP)	Enables access for both encrypted and unencrypted communication. Access is possible with https:// and http:// URLs. The former URL establishes encrypted communication and the latter establishes normal communication.
IPP Security	Specifies the security level.
Secure Only (IPP over SSL)	Encrypts all communications.
Not Secure (IPP over SSL&IPP)	Enables access for both encrypted and unencrypted communications.
Clientside Settings **Effective Encryption**	Allow you to specify the encryption algorithm for data communication. You can use more than one algorithms at a time.
Certificate Verification	When set **On**, verify the expiration of the server certificate at communication. If found expired, communication will fail. When set **Off**, the expiration will not be verified.

NOTE: When the SSL is set to On and HTTP Security is set to Secure (HTTPS), the document boxes cannot be accessed the TWAIN driver.

Advanced > Security > IEEE802.1x

The IEEE802.1x security protocol allows the user to login to the secured networks based on the client certificates.

Item	Description
IEEE802.1x	Specifies whether or not to use the IEEE802.1x protocol.
Authentication Type	Selects either EAP-TLS or PEAP (EAP-MS-CHAPv2) for the authentication type.
Login User Name	Enter the name of the user who accesses the printing system. The IEEE802.1x client certificate of this user must be valid.
Login Password	You can set a PEAP-based password. (This setting is valid when PEAP (EAP-MS-CHAPv2) authentication type is selected.)
Common Name	Specifies the common name of the server certificate if the server is required to be authenticated. (This setting is valid when PEAP (EAP-MS-CHAPv2) authentication type is selected.)
Match Rule of Common Name	When the server certificate is verified, the common name specified under **Common Name** is compared with the common name on the server certificate. This item allows you to specify whether the common names are considered to be matched if they exactly or partially match. (This setting is valid when PEAP (EAP-MS-CHAPv2) authentication type is selected.)
Certificate Status	Displays whether the certificate is valid or not.

Advanced > Security > IPSec > General

This page allows you to set access restrictions for IPSec protocol-based communication.

Item	Description
IPSec	Specifies whether or not to enable the IPSec protocol. Select **On** to enable the IPSec protocol. Select **Off** to disable it.
Restriction	Specifies the default policy for non-IPSec packets. Select **Allow** to allow communication with all hosts and networks including those not permitted by the rules described under *Advanced > Security > IPSec > Rule1 (to Rule3)* on page 50. Select **Deny** to allow communication only with the hosts and networks permitted by the rules.

Item	Description
Authentication Type	Specifies the authentication type used for IKE phase1. To set a character string as the shared key and use it for communication, select **Pre-shared** and enter the string of the pre-shared key in the text box. To use a CA-issued device certificate or root certificate, select **Certificates**. When **Expiration Verification** is enabled, the expiration of the server certificate is verified at communicating. If the server certificate is found expired, communication will fail. When it is disabled, the expiration will not be verified. When you select **Certificates**, the contents of the CA certificate and root 1 to 3 certificates are displayed if they are enabled. When you click the **CA** or **Root** button, you can view, import or delete CA-issued or root certificates.
Rule1 (to Rule3)	Shows whether the set rule is enabled or disabled. To enable or disable the rule, refer to *Advanced* > *Security* > *IPSec* > *Rule1 (to Rule3)* on page 50.

Advanced > Security > IPSec > Rule1 (to Rule3)

These pages allow you to select or edit rules to use for IPSec protocol-based communication.

Item	Description
Rule	Specifies whether or not to enable the selected IPSec policy rule. Select **On** to enable the rule. Select **Off** to disable it.
Key Exchange (IKE phase1)	When using IKE phase1, a secure connection with the other end is established by generating ISAKMP SAs. Configure the following items so that they meet the requirement of the other end.
Policy	**Main Mode** protects identifications but requires more messages to be exchanged with the other end. **Aggressive Mode** requires fewer messages to be exchanged with the other end than **Main Mode** but restricts identification protection and narrows the extent of the parameter negotiations. When **Aggressive Mode** is selected and **Pre-shared** is selected for **Authentication Type**, only host addresses can be specified for IP addresses of the rule.
Hash	Selects the hash algorithm.
Encryption	Selects the encryption algorithm.
Diffie-Hellman Group	The Diffie-Hellman key-sharing algorithm allows two hosts on an unsecured network to share a private key securely. Select the Diffie-Hellman group to use for key sharing.
Lifetime (Time)	Specifies the lifetime of an ISAKMP SA in seconds.
Data Protection (IKE phase2)	In IKE phase2, IPSec SAs such as AH or ESP are established by using SAs established in IKE phase1. Configure the following items so that they meet the requirement of the other end.

Item	Description
Protocol	Select **ESP** or **AH** for the protocol. **ESP** protects the privacy and integrity of the packet contents. Select the hash algorithm and encryption algorithm below. **AH** protects the integrity of the packet contents using encryption checksum. Select the hash algorithm below.
Hash	Selects the hash algorithm.
Encryption	Selects the encryption algorithm. (When **ESP** is selected under **Protocol**.)
PFS	When **PFS** is set to **On** (enabled), even if a key is decrypted, the decrypted key cannot be used to decrypt the other keys generated after the decryption. This improves the safety, but imposes a heavy burden because of more key-generation processes.
Diffie-Hellman Group	The Diffie-Hellman key-sharing algorithm allows two hosts on an unsecured network to share a private key securely. Select the Diffie-Hellman group to use for key sharing.
Lifetime Measure-ment	Specifies whether the lifetime is measured by time or by time and data size.
Lifetime (Time)/ Lifetime (Data Size)	Specifies the lifetime of an IPSec SA. **Lifetime Measurement** allows you to select whether to use time or data size to specify the lifetime. When you select **Time & Data Size**, an SA is disabled and updated when either the time or data size of the SA exceeds the specified value.
IP Version	Specifies the IP version of the other end. Select **IPv4** or **IPv6**.
IP Address (IPv4)	Specifies the IPv4 addresses of the hosts or network with which the print system is connecting via IPSec. When you are restricting the scope of IPSec, be sure to specify the IP addresses. If this field is blank, all IPv4 addresses will be allowed to connect the print system.
IP Address (IPv6)	Specifies the IPv6 addresses of the hosts or network with which the print system is connecting via IPSec. When you are restricting the scope of IPSec, be sure to specify the IP addresses. If this field is blank, all IPv6 addresses will be allowed to connect the print system.
Subnet Mask	When **IPv4** is selected for **IP Version**, this specifies the subnet mask of the hosts or network with which the print system is connecting via IPSec. If this field is blank, the specified addresses are considered to be host addresses.
Prefix Length	When **IPv6** is selected for **IP Version**, this specifies the prefix length of the hosts or network with which the print system is connecting via IPSec. If this field is blank, the specified addresses are considered to be host addresses.

4 Troubleshooting

Consult the table below to find basic solutions for problems you may encounter with COMMAND CENTER.

Symptom	Check Items	Corrective Action	Reference
I can't access COMMAND CENTER.	Is the power turned on to this machine?	Turn the power on to this machine, wait until it is a ready state, and try to access COMMAND CENTER.	*Operation Guide*
	Is the network cable properly connected?	Connect the network cable properly.	*Operation Guide*
	Are the network settings that are made in this machine correct?	Perform the network settings from the operation panel. Contact your network administrator for the appropriate settings.	-
	Is the IP address for this machine entered correctly?	Enter the correct IP address. Check this machine IP address with your network administrator.	-
	Are the LAN settings that are made in Web browser correct?	Check the settings made in Web browser. Refer to the Help function in your browser.	-
	Has the administrator set up an IP Filter function?	Access COMMAND CENTER from an approved IP address.	*page 36*
	Is HTTP Security on the **Advanced > Security > Secure Protocol** page set to **Secure (HTTPS)**?	When HTTP Security is set to **Secure (HTTPS)**, specify a URL that begins with https://. You cannot access COMMAND CENTER with an http:// URL.	*page 48*
	Does the version of your browser application support operation using COMMAND CENTER?	Use a browser application that supports COMMAND CENTER.	*page 1*

Symptom	Check Items	Corrective Action	Reference
Characters do not display properly in COMMAND CENTER.	Does the version of your browser application support operation using COMMAND CENTER?	Use a browser application that supports COMMAND CENTER.	*page 1*
	Is the same language as that displayed on the operation panel selected?	Select the same language as that displayed on the operation panel.	*page 9*
I can't access the other pages.	Has the administrator set a password?	Enter the password.	*page 12*
I can't perform settings.	Is the printer or scanner currently in operation?	Wait until the operation has been completed.	-
The settings I made are not registered.	Did you click the **Submit** button after making the settings?	Click the **Submit** button and move to another page or close COMMAND CENTER window.	-
	Did you click the **Restart** button after making the settings?	Restart this machine. All settings will be registered.	*page 9*
	Are you using the System menu on this machine's panel while COMMAND CENTER is being operated?	Operate COMMAND CENTER after you have finished with the System menu.	-
The administrator has forgotten the Admin password.	-	Contact your dealer or service center.	-
Error or Warning is displayed under the STATUS indicator.	Is there an error message shown in the display?	Perform the troubleshooting procedure the messages suggests referring to the *Operation Guide*.	*Operation Guide*

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